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# Minnesota AgriView

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## SMALL GRAINS SUMMARY

**Spring wheat** production in Minnesota is estimated at 92.6 million bushels, up 22 percent from 2017. Planted acreage, at 1.61 million acres, is up 39 percent from last year. Spring wheat harvested area for grain is 1.57 million acres, also up 39 percent from last year. Spring wheat yield, at 59.0 bushels per acre, is down 8.0 bushels per acre from last year.

**Winter wheat** production, estimated at 300,000 bushels, is up 33 percent from last year. Producers planted 11,000 acres of winter wheat, up 10 percent from 2017. Winter wheat harvested area for grain is 5,000 acres, the same as last year. Winter wheat yield, at 60.0 bushels per acre, is up 15.0 bushels from last year.

**Oat** production is estimated at 6.20 million bushels, down 13 percent from last year. Planted acreage, at 180,000, is up 6 percent from 2017. Harvested area for grain is 105,000 acres, up 11 percent from 2017. Oat yield, at 59.0 bushels per acre, is down 16 bushels from last year.

**Barley** production, estimated at 5.09 million bushels, is down 1 percent from last year. Planted acreage at 80,000, is unchanged from 2017. Harvested area for grain, at 67,000 acres, is down 1 percent from last year. The Minnesota barley yield remains the second highest on record at 76.0 bushels per acre, following the 77.0 bushel per acre yield in 2015.

U.S. all wheat production totaled 1.88 billion bushels in 2018, up 8 percent from the revised 2017 total of 1.74 billion bushels. Area harvested for grain totaled 39.6 million acres, up 5 percent from the previous year. The United States yield was estimated at 47.6 bushels per acre, up 1.3 bushels from the previous year. The levels of production and changes from 2017 by type were: winter wheat, 1.18 billion bushels, down 7 percent; other spring wheat, 623 million bushels, up 50 percent; and Durum wheat, 77.3 million bushels, up 41 percent.

U.S. oat production was estimated at 56.1 million bushels, up 14 percent from 2017. Yield was estimated at 64.9 bushels per acre, up 3.2 bushels from the previous year. Harvested area, at 865,000 acres, was 8 percent above last year.

U.S. barley production was estimated at 153 million bushels, up 8 percent from the 2017 total of 142 million bushels. Average yield per acre, at 77.4 bushels, was up 4.8 bushels from the previous year. Producers seeded 2.54 million acres in 2018, up 2 percent from last year. Harvested area, at 1.98 million acres, was up 1 percent from 2017.

### Small Grains Harvested, Yield, and Production – Minnesota and United States: 2017-2018

Crop	Area harvested		Yield per acre		Production	
	2017 (1,000 acres)	2018 (1,000 acres)	2017 (bushels)	2018 (bushels)	2017 (1,000 bushels)	2018 (1,000 bushels)
<b>Minnesota</b>						
Barley .....	68	67	76.0	76.0	5,168	5,092
Oats .....	95	105	75.0	59.0	7,125	6,195
Wheat, spring .....	1,130	1,570	67.0	59.0	75,710	92,630
Wheat, winter .....	5	5	45.0	60.0	225	300
<b>United States</b>						
Barley .....	1,954	1,978	72.6	77.4	141,923	153,082
Oats .....	801	865	61.7	64.9	49,391	56,130
Wheat, spring .....	10,144	12,896	41.0	48.3	415,431	623,232
Wheat, winter .....	25,291	24,742	50.2	47.9	1,269,437	1,183,939

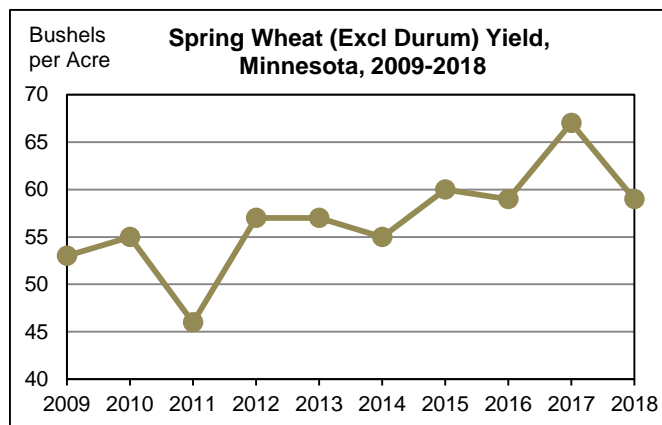
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## GRAIN STOCKS

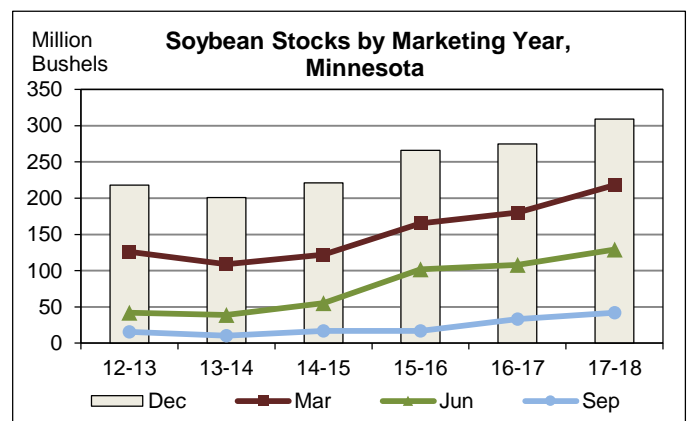
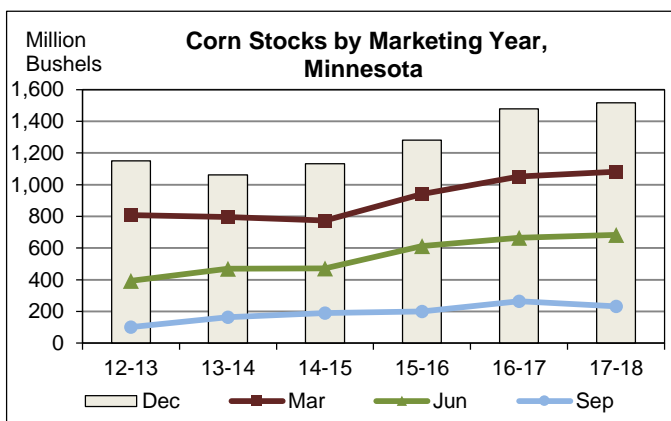
**Corn** stored in all positions in Minnesota on September 1, 2018, totaled 232 million bushels, down 13 percent from September 1, 2017. Of the total stocks, 38 percent were stored on-farm. The June - August 2018 indicated disappearance totaled 452 million bushels, 13 percent more than the 400 million bushels from the same period last year.

**Soybeans** stored in all positions in Minnesota on September 1, 2018, totaled 41.9 million bushels, 28 percent above the 32.8 million bushels on hand September 1, 2017. Of the total stocks, 37 percent were stored on-farm. Indicated disappearance for June - August 2018 was 87.1 million bushels, 16 percent more than the 75.2 million bushels from the same quarter last year.

**Oats** stored in all positions on September 1, 2018, totaled 15.4 million bushels, 12 percent below the stocks on September 1, 2017. Of the total stocks, 27 percent were stored on-farm.

**All wheat** stored in all positions in Minnesota on September 1, 2018, totaled 103 million bushels, 3 percent more than September 1, 2017. Of the total stocks, 57 percent were stored on-farm. Indicated disappearance for June - August 2018 was 23.4 million bushels, 18 percent below the 28.7 million bushels from the same period last year.

**Barley** stored in all positions in Minnesota on September 1, 2018, totaled 12.5 million bushels, 13 percent below the stocks on September 1, 2017. Of the total stocks, 42 percent were stored on-farm.



U.S. corn stocks in all positions on September 1, 2018 totaled 2.14 billion bushels, down 7 percent from September 1, 2017. Of the total stocks, 620 million bushels are stored on farms, down 21 percent from a year earlier. Off-farm stocks, at 1.52 billion bushels, are up 1 percent from a year ago. The June - August 2018 indicated disappearance is 3.16 billion bushels, compared with 2.94 billion bushels during the same period last year.

U.S. soybeans stored in all positions on September 1, 2018 totaled 438 million bushels, up 45 percent from September 1, 2017. Soybean stocks stored on farms totaled 101 million bushels, up 15 percent from a year ago. Off-farm stocks, at 337 million bushels, are up 58 percent from last September. Indicated disappearance for June - August 2018 totaled 781 million bushels, up 18 percent from the same period a year earlier.

U.S. all wheat stored in all positions on September 1, 2018 totaled 2.38 billion bushels, up 5 percent from a year ago. On-farm stocks are estimated at 631 million bushels, up 28 percent from last September. Off-farm stocks, at 1.75 billion bushels, are down 1 percent from a year ago. The June - August 2018 indicated disappearance is 605 million bushels, down 8 percent from the same period a year earlier.

U.S. oats stored in all positions on September 1, 2018 totaled 74.9 million bushels, 4 percent above the stocks on September 1, 2017. Of the total stocks on hand, 39.2 million bushels are stored on farms, 15 percent higher than a year ago. Off-farm stocks totaled 35.7 million bushels, 6 percent below the previous year. Indicated disappearance during June - August 2018 totaled 22.3 million bushels, compared with 27.7 million bushels during the same period a year ago.

U.S. barley stocks in all positions on September 1, 2018 totaled 175 million bushels, down 3 percent from September 1, 2017. On-farm stocks are estimated at 91.4 million bushels, 1 percent above a year ago. Off-farm stocks, at 83.2 million bushels, are 7 percent below September 2017. The June - August 2018 indicated disappearance is 73.1 million bushels, 6 percent above the same period a year earlier.

## Grain Stocks by Position – Minnesota and United States: September 1, 2017 and 2018

Position and Grain	Minnesota			United States		
	September 1, 2017	September 1, 2018	2018 as % of 2017	September 1, 2017	September 1, 2018	2018 as % of 2017
	(1,000 bushels)	(1,000 bushels)	(percent)	(1,000 bushels)	(1,000 bushels)	(percent)
<b>On-Farm</b>						
Barley .....	4,900	5,200	106	90,400	91,350	101
Corn .....	120,000	89,000	74	787,000	620,000	79
Oats .....	4,900	4,200	86	33,950	39,200	115
Soybeans .....	13,500	15,500	115	87,900	101,000	115
Wheat .....	56,000	59,000	105	491,800	631,000	128
<b>Off-Farm <sup>1</sup></b>						
Barley .....	9,428	7,316	78	89,283	83,152	93
Corn .....	145,327	142,662	98	1,506,303	1,520,335	101
Oats .....	12,553	11,198	89	38,039	35,662	94
Soybeans .....	19,294	26,401	137	213,695	337,105	158
Wheat .....	44,253	44,438	100	1,774,275	1,747,670	99
<b>Total all positions</b>						
Barley .....	14,328	12,516	87	179,683	174,502	97
Corn .....	265,327	231,662	87	2,293,303	2,140,335	93
Oats .....	17,453	15,398	88	71,989	74,862	104
Soybeans .....	32,794	41,901	128	301,595	438,105	145
Wheat .....	100,253	103,438	103	2,266,075	2,378,670	105

<sup>1</sup> Includes stocks at mills, elevators, warehouses, terminals, and processors.

## MONTHLY PRICES

The August 2018 average price received by farmers for **corn** in Minnesota was \$3.21 per bushel. This was \$0.11 below the July price but \$0.14 above the August 2017 price.

The August 2018 average price received by farmers for **soybeans**, at \$8.70 per bushel, was down \$0.05 from the July price and down \$0.18 from the August 2017 price.

The August 2018 price for **spring wheat** was \$5.43 per bushel, up \$0.13 from July but down \$0.72 from August 2017.

**All hay** prices in Minnesota averaged \$84.00 per ton in August, down \$15.00 from the July price but \$12.00 per ton more than August 2017. The **alfalfa hay** price was \$95.00 per ton, down \$12.00 from July but \$9.00 above a year ago. The **other hay** price was \$73.00 per ton, \$17.00 below July but \$16.00 above a year ago.

The August average price for **milk** was \$16.50 per cwt, up \$1.30 from July but down \$1.60 per cwt from one year ago.

### Livestock Prices Received by Farmers – United States

	August 2017	July 2018	August 2018
	(dollars)	(dollars)	(dollars)
Calves .....	163.00	153.00	160.00
Cattle, all beef .....	114.00	110.00	110.00
Cows <sup>1</sup> .....	76.30	66.80	63.00
Steers and heifers .....	115.00	112.00	112.00
Hogs, all .....	61.50	58.60	44.30
Barrows and gilts .....	61.20	59.20	44.70
Sows .....	71.80	43.60	34.00
Eggs (market) <sup>2</sup> .....	0.506	0.894	0.892

<sup>1</sup> Beef cows and cull dairy cows sold for slaughter.

<sup>2</sup> Mid-month price. Also referred to as table eggs.

### Prices Received by Farmers - Minnesota and United States

	Minnesota			United States		
	August 2017	July 2018	August 2018	August 2017	July 2018	August 2018
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Barley, all .....	4.11	4.09	4.15	4.52	4.52	4.53
Beans, dry edible .....	30.20	23.00	(D)	29.50	25.40	26.30
Corn .....	3.07	3.32	3.21	3.27	3.47	3.36
Hay, all baled .....	72.00	99.00	84.00	137.00	159.00	161.00
Alfalfa .....	86.00	107.00	95.00	147.00	179.00	177.00
Other .....	57.00	90.00	73.00	117.00	126.00	130.00
Oats .....	2.06	2.47	2.18	2.32	2.61	2.47
Soybeans .....	8.88	8.75	8.70	9.24	9.08	8.59
Spring wheat .....	6.15	5.30	5.43	5.86	5.41	5.40
Sunflowers, all .....	19.20	18.50	(D)	19.10	17.40	16.90
Milk, all .....	18.10	15.20	16.50	18.10	15.40	15.90

(D) Withheld to avoid disclosing data for individual operations.

## HOGS & PIGS

On September 1, 2018, there were 8.60 million hogs and pigs on Minnesota farms. This is the highest inventory on record, up 4 percent from the previous year.

The June-August 2018 quarterly pig crop was 3.40 million head, down 2 percent from the previous quarter and down 1 percent from last year. A total of 305,000 sows farrowed during this quarter. The average pigs saved per litter was 11.15 for the quarter.

As of September 1, producers planned to farrow 305,000 sows and gilts in the September-November quarter and 305,000 head during the December 2018-February 2019 quarter.

United States inventory of all hogs and pigs on September 1, 2018 was 75.5 million head. This was up 3 percent from September 1, 2017, and up 3 percent from June 1, 2018. Breeding inventory, at 6.33 million head, was up 3 percent from last year, and up slightly from the previous quarter.

Market hog inventory, at 69.2 million head, was up 3 percent from last year, and up 4 percent from last quarter.

The June-August 2018 pig crop, at 34.2 million head, was up 3 percent from 2017. Sows farrowing during this period totaled 3.19 million head, up 3 percent from 2017. The sows farrowed during this quarter represented 50 percent of the breeding herd. The average pigs saved per litter was a record high of 10.72 for the June-August period, compared to 10.65 last year.

United States hog producers intend to have 3.16 million sows farrow during the September-November 2018 quarter, up 2 percent from the actual farrowings during the same period in 2017, and up 4 percent from 2016. Intended farrowings for December-February 2019, at 3.12 million sows, are up 2 percent from 2018, and up 4 percent from 2017.

The total number of hogs under contract owned by operations with over 5,000 head, but raised by contractees, accounted for 48 percent of the total United States hog inventory, up from 47 percent the previous year.

Revisions: All inventory and pig crop estimates for September 2017 through June 2018 were reviewed using final pig crop, official slaughter, death loss, and updated import and export data. The revision made to the June 2018 all hogs and pigs inventory was 0.4 percent. The net revision made to the March 2018 all hogs and pigs inventory was 0.1 percent. A revision of less than 0.1 percent was made to the December 2017-February 2018 pig crop. The net revision made to the December 2017 all hogs and pigs inventory was 0.3 percent. A net revision of 0.2 percent was made to the September-November 2017 pig crop. The net revision made to September 2017 all hogs and pigs inventory was 0.3 percent. A net revision of less than 0.1 percent was made to the June-August 2017 pig crop.

### Hogs and Pigs, Breeding, Market, and Total Inventory – Selected States and United States: September 1, 2017 and 2018 [Data may not add to totals due to rounding.]

State	Breeding			Market			Total		
	2017	2018	2018 as % of 2017	2017	2018	2018 as % of 2017	2017	2018	2018 as % of 2017
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Illinois .....	540	570	106	4,860	4,880	100	5,400	5,450	101
Iowa .....	980	1,040	106	21,620	22,560	104	22,600	23,600	104
<b>Minnesota .....</b>	<b>550</b>	<b>580</b>	<b>105</b>	<b>7,750</b>	<b>8,020</b>	<b>103</b>	<b>8,300</b>	<b>8,600</b>	<b>104</b>
Missouri .....	440	465	106	3,060	3,285	107	3,500	3,750	107
Nebraska .....	410	430	105	3,040	3,020	99	3,450	3,450	100
North Carolina .....	900	910	101	8,400	8,490	101	9,300	9,400	101
United States .....	6,117	6,330	103	67,192	69,156	103	73,309	75,486	103

### Hogs and Pigs, Market Inventory by Weight Group – Selected States and United States: September 1, 2017 and 2018 [Data may not add to totals due to rounding.]

State	Under 50 pounds		50-119 pounds		120-179 pounds		180 pounds and over	
	2017	2018	2017	2018	2017	2018	2017	2018
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Illinois .....	1,505	1,570	1,620	1,560	930	900	805	850
Iowa .....	5,640	5,850	7,210	7,650	5,070	5,260	3,700	3,800
<b>Minnesota .....</b>	<b>2,630</b>	<b>2,690</b>	<b>2,500</b>	<b>2,500</b>	<b>1,500</b>	<b>1,730</b>	<b>1,120</b>	<b>1,100</b>
Missouri .....	1,485	1,605	640	640	460	530	475	510
Nebraska .....	1,015	1,010	835	865	600	570	590	575
North Carolina .....	3,400	3,450	1,950	2,000	1,550	1,580	1,500	1,460
United States .....	21,533	22,092	19,757	20,262	13,874	14,356	12,028	12,445